

Title (en)  
Arithmetic operation system.

Title (de)  
Arithmetisches Operationssystem.

Title (fr)  
Système d'opérations arithmétique.

Publication  
**EP 0464601 A2 19920108 (EN)**

Application  
**EP 91110479 A 19910625**

Priority  
JP 16591390 A 19900625

Abstract (en)  
An arithmetic operation system includes a plurality of cascaded arithmetic units each receiving operation data and an input carry and outputting an operation result data and an output carry. A carry control indication register is provided for storing carry control information for each of the plurality of cascaded arithmetic units. A carry controller is provided for each of the cascaded arithmetic units so as to receive a corresponding carry control bit from the carry control indication register. The carry controller operates to modify an output carry outputted from the corresponding arithmetic unit on the basis of the received carry control bit, so as to supply the modified carry to an adjacent more significant bit arithmetic unit. <IMAGE>

IPC 1-7  
**G06F 7/48**; **G06F 7/50**

IPC 8 full level  
**G06F 7/50** (2006.01); **G06F 7/506** (2006.01); **G06F 7/57** (2006.01); **G06T 1/00** (2006.01); **G06T 1/20** (2006.01)

CPC (source: EP)  
**G06F 7/505** (2013.01); **G06F 7/57** (2013.01); **G06F 2207/3828** (2013.01)

Cited by  
US5689592A; US5651121A; EP0655676A3; EP0660223A3; EP0602888A1; US5408670A; EP0602887A1; US5375080A; EP0681236A1; US5778241A; KR100348950B1

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